

RECENT PURCHASES

- In 2009, Western purchased energy from SunEdison through a PPA on behalf of the Department of Energy for the National Renewable Energy Laboratory (NREL). The SunEdison 720-kW solar array is located at NREL in Golden, Colo. Xcel Energy is purchasing the solar RECs.
- In 2010, Western purchased RECs on behalf of NASA (Ames Research Facility and NASA HQ), Los Alamos, Lawrence Berkeley Lab, NREL, Golden Field Office, Pantex, Sandia National Lab, and the National Park Service-Golden Gate National Recreation Area. A total of 569,000 RECs were purchased over a 1 to 10-year range.

TO START THE PROCESS . . .

Sign a statement of intent with Western to purchase RECs or renewable energy, specifying the renewable product, location, quantity, timeframe and maximum price desired. If you also need technical support such as resource assessment, preliminary transmission analysis, and project solicitation, please note that on the form or call one of the contacts.

NEXT . . .

Western uses its long-term power purchasing expertise and authority to acquire the desired product your agency needs to meet its renewable energy goals.

FOR MORE INFORMATION, CONTACT:

WESTERN AREA POWER ADMINISTRATION

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Visit the Renewable Resources for Federal Agencies website at www.wapa.gov/powerm/pmtags.html

About Western

Western is a Federal power marketing administration that sells hydroelectric power in 15 states in the central and western United States. With power marketing authority and the authority of the Economy Act, Western can provide renewable resources to Federal agencies. Western's renewable resource services are provided based on actual costs.

For more information, visit our website at www.wapa.gov

About FEMP

The Department of Energy's Federal Energy Management Program facilitates the Federal government's implementation of sound, cost-effective energy management and investment practices to enhance the nation's energy security and environmental stewardship. FEMP provides annual funding to support Western's Federal renewable energy program.

For more information regarding FEMP's renewable program, visit the FEMP renewable website at www.eere.energy.gov/femp/renewable_energy/



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RENEWABLE RESOURCES

FOR FEDERAL AGENCIES

WESTERN AREA POWER ADMINISTRATION

WHY PURCHASE RENEWABLE RESOURCES

- Manage exposure to rising or volatile energy prices
- Support economic development
- Improve the environment
- Improve national energy security through increased use of domestic renewable fuels
- Meet or exceed goals set by the Energy Policy Act of 2005, and comply with Executive Orders 13423 and 13514
- Demonstrate Federal leadership by supporting a green economy

RENEWABLE RESOURCES FOR FEDERAL AGENCIES

Western Area Power Administration (Western) and the Department of Energy's Federal Energy Management Program (FEMP) are working together to help Federal agencies meet renewable

energy goals. Federal agencies can purchase renewable energy and its benefits through Western to reach their mandated energy goals, reduce emissions and foster markets for emerging technologies.

Western can work with your agency to procure renewable energy and renewable energy certificates generated in the United States through a competitive process, and pass the energy and/or benefits on to your agency. If you wish to host a renewable energy project on Federal facilities or Federal lands, and purchase the energy it generates through a power purchase agreement, Western and FEMP can work with your agency on this type of project too. Western can also conduct a prefeasibility transmission study for proposed renewable projects at Federal sites where most of the energy will be exported.

The requesting agency pays for the renewable energy/benefit at cost, plus a fee to cover the administrative cost of acquiring the renewable resources from a supplier. Funding FEMP provides to Western may cover some or all of the administrative costs of Western's services.

MEETING YOUR ENERGY GOALS

Three renewable resource products are available:

able energy is physically delivered to your site; you purchase only the environmental attributes of renewable generation. Western can facilitate the purchase of RECs for any Federal agency. For sites where renewable power delivery is restricted because of physical or institutional barriers, this product may be your agency's best option.

Product benefits:

- No transmission or ancillary services are required
- No impact to your existing power supplier

Renewable energy certificates (RECs)*

RECs are the environmental attributes of power generated from renewable electric plants. No renewable



Renewable energy delivered to you

If you are a Federal agency and a Western customer within Western's territory, we may be able to buy and deliver renewable energy to your facility. Agency costs include renewable power generation, transmission (if needed), related ancillary services, distribution (if needed) and program administration. If your agency receives power from another utility, you will need to obtain your utility cooperation before arrangements can be made to deliver renewable energy from Western.

Product benefits:

- Manage potential price volatility of conventional power generation
- Clean energy delivered to your facility
- Long term power purchase contracts

Power purchase agreement (PPA) for renewable energy generated on your site

If your agency has a physical site for a renewable energy project within the Western territory and would be willing to host a third-party owner, Western can purchase the energy from that project on behalf of your agency under a long-term PPA contract. The Federal site selects the third-party renewable developer through a competitive process and provides land or roof space to the supplier. Western negotiates the PPA terms and conditions.

Product benefits:

- Use Federal land and facilities for renewable energy development
- Pay no capital costs for onsite generation
- Manage potential price volatility of conventional power generation
- Purchase long-term energy
- Possible double bonus credit toward the renewable goal for onsite generation
- Support public/private partnerships

For more details on purchasing RECs or renewable energy for your specific situation, contact the program (see back of brochure).

*RECs will be subject to a verification audit.